

## **ABSTRACT**

**[00037]** Rotary atomizer for coating work pieces, with a rotating bell-shaped plate shaft for a bell-shaped plate for discharging a spray stream of a coating agent, at least one steering air outlet for discharging steering air for shaping the spray stream, a housing, and also at least one steering air line, which is arranged in the housing and which opens into the steering air outlet, for supplying the steering air. It is proposed that the steering air line pass through the bearing unit of the drive turbine in the axial direction.